

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

GLENN et al.

Atty. Ref.: 4057-25

Appln. No. 09/311,720

Group Art Unit: 1632

Filed: May 14, 1999

Examiner: J.T. Woitach

FOR: GENETIC IMMUNIZATION BY EPICUTANEOUS APPLICATION

* * *

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(d)

April 8, 2003

Hon. Commissioner for Patents
Washington, D.C. 20231

Sir:

Further to the Information Disclosure Statement (IDS) of May 24, 2000, attached is a Form PTO-1449 listing the enclosed documents.

This Information Disclosure Statement (IDS) is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time

Under 37 CFR § 1.97(f), to enable the Applicants to comply fully. In particular, if any of the listed documents are missing or incomplete, please contact the undersigned who will provide another copy.

The Official Fee required under 37 CFR § 1.97(d) is filed herewith. Should that fee be missing or inadequate, please charge the deficiency to our Deposit Account No. 14-1140 referencing matter number 4057-25 for which purpose this paper is submitted in duplicate.

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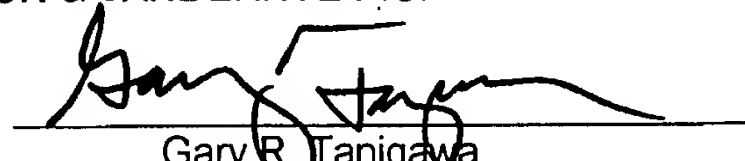
As provided by 37 CFR §§ 1.97(g) and (h), no inference should be made that the foregoing information and the listed references are prior art merely because they have been submitted for consideration. Furthermore, no representation is being made by the Applicants that a search has been conducted or that this statement encompasses all possible material information.

Consideration of the foregoing and enclosures, as well as the return of a copy of the Form PTO-1449 with the Examiner's initials per MPEP § 609, are earnestly solicited. The Examiner is invited to contact the undersigned if further information is needed.

Respectfully submitted,

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INFORMATION DISCLOSURE CITATION

4057-25

APPLICANT

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(Use several sheets if necessary)

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CR	3,964,482	06/1976	Gerstel et al.			
DR	3,982,536	09/1976	Krogseng			
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VR	4,783,450	11/1988	Fawzi			
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YR	4,877,612	10/1989	Berger			
ZR	4,892,737	01/1990	Bodor			
AAR	4,908,389	03/1990	Mahjour			
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DDR	4,921,757	05/1990	Wheatley			
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GGR	4,956,171	09/1990	Chang			
HHR	4,960,771	10/1990	Rajadhyaksha			
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	CR	5,008,050	04/1991	Cullis			
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	ER	5,023,252	06/1991	Hsieh			
	FR	5,028,435	07/1991	Katz			
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	XR	5,182,109	01/1993	Tamura			
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	ZR	5,196,410	03/1993	Francoeur			
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	CCR	5,215,520	06/1993	Shroot			
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	EER	5,232,935	08/1993	Colas			
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	GG	5,238,944	08/1993	Wick			
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	IIR	5,250,023	10/1993	Lee et al.			
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	DR 5,326,566	07/1994	Parab				
	ER 5,326,790	07/1994	Thornfeldt				
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	JJR 5,614,212	03/1997	D'Angelo				
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YR	5,736,154	04/1998	Fuisz			
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AAR	5,736,524	04/1998	Content			
BBR	5,738,647	04/1998	Bernhard			
CCR	5,739,118	04/1998	Carrano			
DDR	5,741,510	04/1998	Rolf			
EER	5,756,117	05/1998	D'Angelo			
FFR	5,760,096	06/1998	Thornfeldt			
GGR	5,766,899	06/1998	Kuo			
HHR	5,770,580	06/1998	Ledley			
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JJR	5,780,050	07/1998	Jain			
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DR	5,814,599	09/1998	Mitragotri			
ER	5,814,617	09/1998	Hoffman			
FR	5,824,538	10/1998	Branstrom			
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KR	5,834,010	11/1998	Quan			
LR	5,837,289	11/1998	Grasela			
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NR	5,840,059	11/1998	March			
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TR	5,853,751	12/1998	Masiz			
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VR	5,858,784	01/1999	Debs			
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YR	5,877,302	03/1999	Hanson			
ZR	5,879,326	03/1999	Godshall et al.			
AAR	5,885,971	03/1999	German			
BBR	5,910,306	06/1999	Alving			
CCR	5,910,488	06/1999	Nabel			
DDR	5,914,114	06/1999	Cassels			
EER	5,916,879	06/1999	Webster			
FFR	5,935,838	08/1999	Askeloef			
GGR	5,961,979	10/1999	Srivastava			
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*Examiner						

Joe Walter 4/5/07

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	GR	6,063,399	05/2000	Assmus et al.			
	HR	6,087,341	07/2000	Khavari			
	IR	6,090,790	07/2000	Eriksson			
	JR	6,142,939	11/2000	Eppstein et al.			
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	LR	6,165,458	12/2000	Foldvari et al.			
	MR	6,165,500	12/2000	Cevc			
	NR	6,173,202	01/2001	Eppstein			
	OR	6,180,136	01/2001	Larson			
	PR	6,183,434	02/2001	Eppstein			
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	TR	6,210,672	04/2001	Cowing			
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	WR	6,312,612	11/2001	Sherman et al.			
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	FFR	6,406,705	06/2002	Davis et al.			
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	IIR	6,451,240	09/2002	Sherman et al.			
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*Examiner							

Joe W. [signature] 4/15/04

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9w	CR	WO 92/03122	03/1992	WIPO					
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	ER	WO 95/17211	06/1995	WIPO					
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	JR	WO 97/04832	02/1997	WIPO					
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	LR	WO 97/24447	07/1997	WIPO					
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	PR	WO 98/29134	07/1998	WIPO					
	QR	WO 98/01538	01/1998	WIPO					
	RR	WO 98/10750	03/1998	WIPO					
	SR	WO 98/20734	05/1998	WIPO					
	TR	WO 98/42375	10/1998	WIPO					
	UR	WO 98/46208	10/1998	WIPO					
	VR	WO 99/04009	01/1999	WIPO					
	WR	WO 99/08689	02/1999	WIPO					
	XR	WO 99/08713	02/1999	WIPO					
	YR	WO 99/41366	08/1999	WIPO					
	ZR	WO 99/43350	09/1999	WIPO					
	AAR	WO 99/53960	10/1999	WIPO					
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	GGR	WO 99/47164	09/1999	WIPO					
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YES

NO

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	ER	WO 00/74763	12/2000	WIPO					
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	IR	WO 01/090758	11/2001	WIPO					
	JR	WO 02/02179	01/2002	WIPO					
	KR	WO 02/05889	01/2002	WIPO					
	LR	WO 02/07813	01/2002	WIPO					
	MR	WO 02/064162	08/2002	WIPO					
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Joe W. [Signature] 4/5/07

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Joe W. Outar 4/5/05

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*Examiner			

Joe Watson 4/5/01

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CITATIONATTY. DOCKET NO.
4057-25APPLN. NO.
09/311,720APPLICANT
GLENN et al.

(Use several sheets if necessary)

FILING DATE
May 14, 1999GROUP
1632

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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Joe Watabe 4/5/04

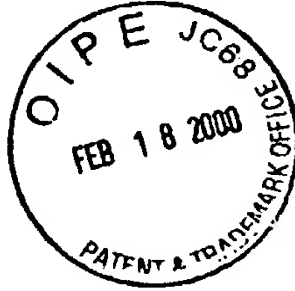
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of
GLENN et al.

Appln. No.: 09/311,720

Filed: May 14, 1999



Group Art Unit: 1644

Examiner: NOT ASSIGNED

FOR: SKIN-ACTIVE ADJUVANTS FOR TRANSCUTANEOUS IMMUNIZATION

February 18, 2000

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Attached is Form PTO-1449 listing the enclosed documents .

This IDS is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Should a first action on the merits have been issued on the same day or before this IDS is filed, please accept this IDS under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 03-3975 under Order No. (81255/256865) and proceed to consider this IDS.

Applicants respectfully request the Examiner to consider each of the documents supplied herewith. It is furthermore respectfully requested that the

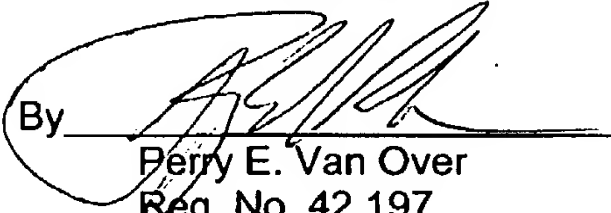
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GLENN et al - Application No. 09/311,720

Examiner confirm the careful and independent consideration in the next official communication by return of an initialed and dated PTO-1449 form in accordance with the provisions of MPEP 609.

Respectfully submitted,

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254809

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INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

Applicant: GLENN et al.

Appln. No.: 09/311,720

Filing Date: May 14, 1999

Examiner: not assigned

Group Art Unit: 1644

Date: February 18, 2000

Page

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AW	OR	WO 99/62537	12/1999	WIPO						X	
	PR	WO 99/60167	11/1999	WIPO						X	
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Applicant: GLENN et al.

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BY APPLICANT

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Appln. No.: 09/311,720

Filed: May 14, 1999



Group Art Unit: 1644
Examiner: NOT ASSIGNED

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FOR: SKIN-ACTIVE ADJUVANTS FOR TRANSCUTANEOUS IMMUNIZATION

December 29, 1999

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

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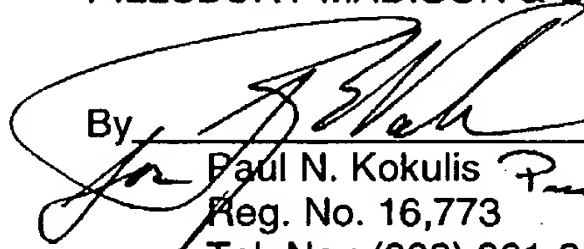
GLENN et al - Application No. 09/311,720

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Respectfully submitted,

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BY APPLICANT**

Applicant: GLENN et al.

Appln. No.: 09/311,720

Filing Date: May 14, 1999

Date: December 29, 1999

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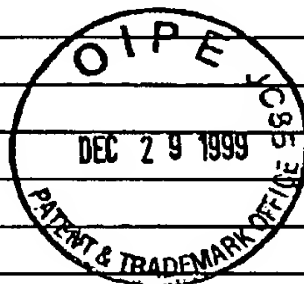
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Examiner: not assigned

Group Art Unit: 1544

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[Signature]

Date Considered:

4/5/04

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**INFORMATION DISCLOSURE STATEMENT
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Applicant: GLENN et al.

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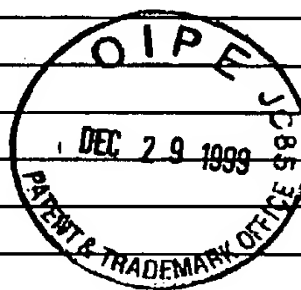
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Examiner: not assigned

Group Art Unit: T644/639

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ju	AR	5,697,901	12/1997	Eriksson			
	BR	5,703,057	12/1997	Johnston et al.			
	CR	5,705,151	01/1998	Dow et al.			
	DR	5,733,762	03/1998	Midoux et al.			
	ER	5,736,524	04/1998	Content et al.			
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	GR	5,770,580	06/1998	Ledley et al.			
	HR	5,783,567	07/1998	Hedley et al.			
	IR	5,804,566	09/1998	Carson et al.			
	JR	5,811,406	09/1998	Szoka, Jr. et al.			
	KR	5,814,617	09/1998	Hoffman et al.			
	LR	5,824,538	10/1998	Branstrom et al.			
	MR	5,827,703	10/1998	Debs et al.			
	NR	5,830,876	11/1998	Weiner et al.			



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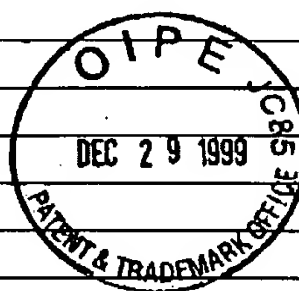
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	BR	5,840,059	11/1998	March et al.			
	CR	5,843,913	12/1998	Li et al.			
	DR	5,846,949	12/1998	Wagner et al.			
	ER	5,849,719	12/1998	Carson et al.			
	FR	5,858,784	01/1999	Debs et al.			
	GR	5,866,553	02/1999	Donnelly et al.			
	HR	5,877,159	03/1999	Powell et al.			
	IR	5,885,971	03/1999	German et al.			
	JR	5,910,488	06/1999	Nabel et al.			
	KR	5,916,879	06/1999	Webster			
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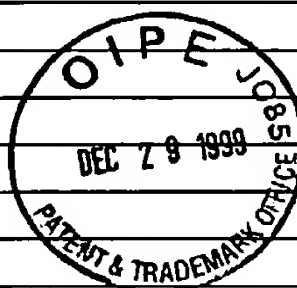
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Examiner: not assigned

Group Art Unit: 1644

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70	AR	4,587,044	05/1986	Miller et al.			
	BR	5,108,921	04/1992	Low et al.			
	CR	5,166,320	11/1992	Wu et al.			
	DR	5,225,182	07/1993	Sharma			
	ER	5,428,132	06/1995	Hirsch et al.			
	FR	5,547,932	08/1996	Curiel et al.			
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	MR	5,789,230	08/1998	Cotton et al.			
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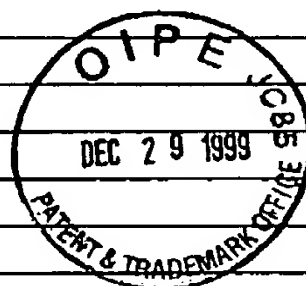
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9/2	AR	5,837,533	11/1998	Boutin			
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	DR	5,856,187	01/1999	Restifo et al.			
	ER	5,877,302	03/1999	Hanson et al.			
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AR	4,196,191	04/1980	ALMEIDA			
BR	4,921,757	05/1990	WHEATLEY			
CR	5,008,050	04/1991	CULLIS			
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FR	5,200,393	04/1993	WEINER			
GR	5,256,422	10/1993	ALBERT			
HR	5,326,790	07/1994	THORNFELDT			
IR	5,332,576	07/1994	MANTELLE			
JR	5,340,588	08/1994	DOMB			
KR	5,352,449	10/1994	BELTZ			
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ZR	ALVING, Journal of Immunological Methods, 140:1-13, 1991			
AAR	ALVING, Immunobiology, 187:430-446, 1993			
BBR	ALVING, Annals of the New York Academy of Sciences, 690:265-275, 1993			
CCR	ALVING, AIDS Research and Human Retroviruses, 10:S91-S94, 1994			
DDR	ALVING, Immunological Reviews, 145:5-31, 1995			

Examiner: *Joe W. [Signature]* Date Considered: 4/5/04

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W	AR	4,455,142	06/1984	MARTINS			
	BR	4,484,923	11/1984	AMKRAUT			
	CR	4,876,278	10/1989	TAYLOR			
	DR	4,877,612	10/1989	BERGER			
	ER	4,929,442	05/1990	POWELL			
	FR	5,260,066	11/1993	WOOD			
	GR	5,601,827	02/1997	COLLIER			
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	IR	5,686,100	11/1997	WILLE et al.			
	JR	5,733,572	03/1998	UNGER et al.			
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YR	EGBARIA, <i>Advanced Drug Delivery Reviews</i> , 5:287-300, 1990			
ZR	FLEISHER, <i>Life Sciences</i> , 57:1293-1297, 1995			
AAR	GLENN, <i>Immunology Letters</i> , 47:73-78, 1995			
BBR	GUPTA, <i>Vaccine</i> , 13:1263-1276, 1995			
CCR	de HAAN, <i>Vaccine</i> , 13:1320-1324, 1995			
DDR	KORTING, <i>Journal of the American Academy of Dermatology</i> , 25:1068-1071, 1991			

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Date Considered: 4/5/02

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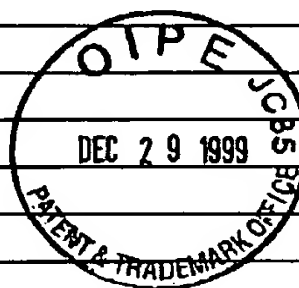
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Applicant: GLENN et al.	
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U.S. PATENT DOCUMENTS

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70	AR	4,692,462	09/1987	Banerjee			
	BR	4,725,271	02/1988	Korol			
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	DR	4,743,588	05/1988	Mirejovsky et al.			
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	FR	4,783,450	11/1988	Fawzi et al.			
	GR	4,892,737	01/1990	Bodor et al.			
	HR	4,908,389	03/1990	Mahjour et al.			
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	KR	4,946,853	08/1990	Bannon et al.			
	LR	5,028,435	07/1991	Katz et al.			
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70	YR	KORTING, <i>British Journal of Dermatology</i> , 132:571-579, 1995					
	ZR	MENGIARDI, <i>Vaccine</i> , 13:1306-1315, 1995					
	AAR	MEZEI, <i>Life Sciences</i> , 26:1473-1477, 1980					
	BBR	MOGHIMI, <i>Journal of Microencapsulation</i> , 10:155-162, 1993					
	CCR	NORIMATSU, <i>Vaccine</i> , 13:1325-1329, 1995					
	DDR	PAUL, <i>Vaccine Research</i> , 4:145-164, 1995					

Examiner Joe A. Wilson Date Considered: 4/5/03

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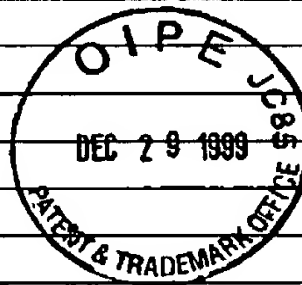
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Examiner: not assigned

Group Art Unit: 1644

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	KR	5,059,189	10/1991	Cilento et al.			
	LR	5,069,904	12/1991	Masterson			
	MR	5,082,866	01/1992	Wong et al.			
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90	YR	PAUL, <i>European Journal of Immunology</i> , 25:3521-3524, 1995							
	ZR	POWERS, <i>Vaccine</i> , 13:1330-1335, 1995							
	AAR	RANADE, <i>Journal of Clinical Pharmacology</i> , 31:401-418, 1991							
	BBR	RAO, <i>Infection and Immunity</i> , 63:2396-2402, 1995							
	CCR	SAUZET, <i>Vaccine</i> , 13:1339-1345, 1995							
	DDR	SCHAFER-KORTING, <i>Journal of the American Academy of Dermatology</i> , 21:1271-1275, 1989							

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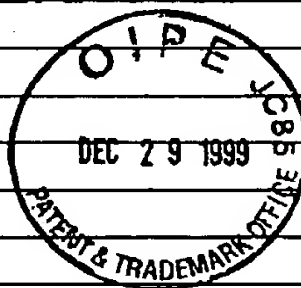
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20	AR	5,162,315	11/1992	Rajadhyaksha et al.			
	BR	5,164,406	11/1992	Helman et al.			
	CR	5,196,410	03/1993	Francoeur et al.			
	DR	5,204,339	04/1993	Minaskanian et al.			
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	GR	5,234,959	08/1993	Minaskanian et al.			
	HR	5,252,334	10/1993	Chiang et al.			
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	KR	5,332,577	07/1994	Gertner et al.			
	LR	5,445,611	08/1995	Eppstein et al.			
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ZR	VERMA, <i>Infection and Immunity</i> , 60:2438-2444, 1992			
AAR	VUTLA, <i>Journal of Pharmaceutical Sciences</i> , 85:5-8, 1996			
BBR	WANG, <i>The Journal of Immunology</i> , 156:4079-4082, 1996			
CCR	WANG, <i>The Journal of Immunology</i> , 154:2784-2793, 1995			
DDR	WASSEF, <i>Immunomethods</i> , 4:217-222, 1994			

Examiner [Signature] Date Considered: 4/5/04

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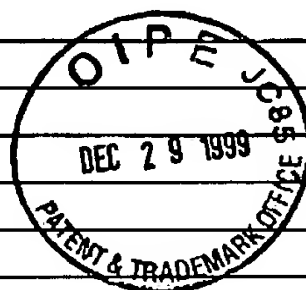
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	DR	5,505,956	04/1996	Kim et al.			
	ER	5,505,958	04/1996	Bello et al.			
	FR	5,540,931	07/1996	Hewitt et al.			
	GR	5,533,995	07/1996	Corish et al.			
	HR	5,534,260	07/1996	Petersen et al.			
	IR	5,536,263	07/1996	Rolf et al.			
	JR	5,573,778	11/1996	Therriault et al.			
	KR	5,607,691	03/1997	Hale et al.			
	LR	5,612,382	03/1997	Fike			
	MR	5,614,212	03/1997	D'Angelo et al.			
	NR	5,626,866	05/1997	Ebert et al.			



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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.: 09/311,720

Filing Date: May 14, 1999

Date: December 29, 1999

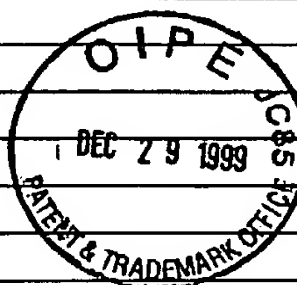
Page 12 of 16

Examiner: not assigned

Group Art Unit: 1644

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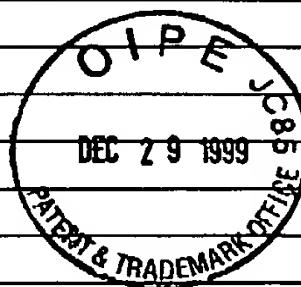
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Examiner: not assigned

Group Art Unit: 1644

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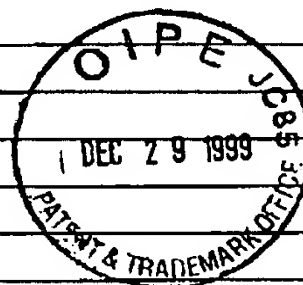
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Examiner: not assigned

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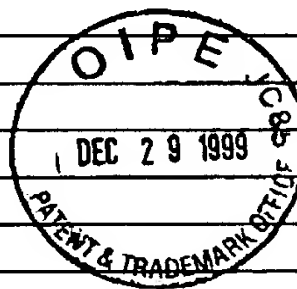
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1/5/04

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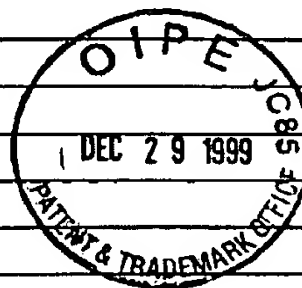
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Examiner: not assigned

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Joe Walker

Date Considered:

4/5/07

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Applicants: GLENN et al.

Appln. No. 09/311,720

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INFORMATION DISCLOSURE STATEMENT
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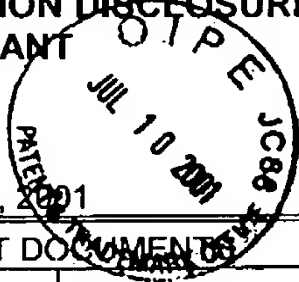
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Examiner

Date Considered: 4/5/04

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Atty. Dkt. No.	M#	Client Ref.
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**INFORMATION DISCLOSURE STATEMENT
 BY APPLICANT**

Applicants: GLENN et al.
Appln. No. 09/311,720
Filing Date: May 14, 1999
Examiner: M. Tung
Group Art Unit: 1644

Date: July 10, 2000 Page 14 of 14

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
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FOREIGN PATENT DOCUMENTS							English Abstract	Translation Readily Available
	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	Enclosed	No

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